

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1154	(375/346-350.ccls. or 375/316.ccls. or 375/229-236.ccls.) and ((switch\$4 or control\$4) near4 (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:13
S2	260	(375/346-350.ccls. or 375/316.ccls. or 375/229-236.ccls.) and ((switch\$4) near4 (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:13
S3	38	(375/346-350.ccls. or 375/316.ccls. or 375/229-236.ccls.) and (((switch\$4) near4 (coefficients or weights)) same (training))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:33
S4	49	("20020051430" "20020072343" "20040001554" "20040008614" "20040132430" "20040165675" "20040176137" "20040179495" "20040229650" "20050070333" "20050078649" "20050096001" "4202071" "5875216" "5887037" "6044120" "6085076" "6115406" "6147985" "6289062" "6560300" "6636728" "6657590" "6687492").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:21
S5	2	("6404387").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 14:21
S6	6	S4 and ((weights or coefficients) same training)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:23
S7	40	Doi.in. and (switch\$4 near4 (coefficeintes or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:25
S8	22	Doi.in. and (switch\$4 near4 (coefficeintes or weights)) and synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:25
S9	25	S3 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:37
S10	30	(weights or coefficients) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data)) and ((plurality or multiple) adj3 (burts or signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:41

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S11	16	S10 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:41
S12	0	(initial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S13	0	(initial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S14	21	(initial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S15	21	(initial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data or bursts))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:43
S16	3	S15 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S17	28	(initial adj2 (weights or coefficients)) with (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data or bursts))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:44
S18	10	S17 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:43
S19	7	((control\$4 or switch\$4) near4 (weights or coefficients) with (training adj2 (signal or sequence or pattern)) with (data or bursts))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:47
S20	183	(switch\$4 near4 ((initial or first) adj2 (coefficients or weights)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:48
S21	3	(switch\$4 near4 ((initial or first) adj2 (coefficients or weights))) same (training or known or preamble or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:49

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S22	117	(switch\$4 near4 ((initial or first) adj2 (coefficients or weights))) and (training or known or preamble or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:50
S23	103	S22 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 16:21
S24	0	S23 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 16:22
S25	80	S20 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 16:38
S26	2	"20040106386".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:26
S27	2	("6191736").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 16:58
S28	2	S27 and synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:26
S29	0	S27 and (computer or processor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:27
S30	1	S27 and (hardware)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:27
S31	0	S27 and (software)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:27
S32	2	("6191736").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/01 12:25
S33	1	S32 and (control\$4 adj1 weight\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:26

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S34	2	"20040106386".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:44
S35	1	S34 and (control\$4 adj1 weight\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:37
S36	0	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((updat\$4 near4 weight\$4) same (correlat\$4 near4 (traininig or pilot)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:12
S37	1	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((updat\$4 near4 weight\$4) same (correlat\$4 near4 (training or pilot)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:39
S38	1	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((updat\$4 near4 weight\$4) same (correlat\$4 near4 (training or pilot or known)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:05
S39	25	((updat\$4 near4 weight\$4) same (correlat\$4 near4 (training or pilot or known)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:46
S40	22	Doi.in. and (switch\$4 near4 (coefficeintes or weights)) and synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:40
S41	25	S39 not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:40
S42	42	((updat\$4 near4 coefficients) same (correlat\$4 near4 (training or pilot or known)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:48
S43	39	S42 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:48
S44	36	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((first adj2 weight\$4) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:12
S45	36	S44 not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:05

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S46	35	((first adj2 coefficients) same (second adj1 coefficients)) and ((first adj2 coefficient) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:08
S47	14	((initial adj2 weight\$4) same (second adj1 weight\$4)) and ((initial adj2 weight\$4) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:12
S48	62	((initial adj2 weight\$4)) and ((initial adj2 weight\$4) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:13
S49	48	S48 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:26
S50	212	(switch\$4 with (coefficients or taps or weights)) with (converg\$4 or convergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:27
S51	99	(switch\$4 near4 (coefficients or taps or weight\$4)) with (converg\$4 or convergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 14:21
S52	178	(switch\$4 near4 (coefficients or taps or weight\$4)) same (converg\$4 or convergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 14:21
S53	79	S52 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 14:21
S54	8	("20020190900" "4912667" "6191736" "6801565").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/18 18:11
S55	0	(switch\$4 near4 (weight\$4 or coefficient)) with ((middle or during) near2 (burst or slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/18 18:16
S56	2	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ((middle or during) near (burst or slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:44
S57	27	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ((middle or during) with (burst or slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/18 18:21

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S58	1	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ((midpoint) with (burst or slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/18 18:22
S59	24	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ((training or preamble) near (data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:36
S60	39	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ((training or preamble) near5 (data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:06
S61	146	((weight\$4 or coefficient) with (training or preamble)) same (((updated or adapted or adjusted) near3 (weight or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:17
S62	139	S61 not S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:08
S63	27	((weight\$4 or coefficient) with (training or preamble)) same (((updated or adapted or adjusted) near3 (weight or coefficient)) with data)) same ((switch\$4 or chang\$4) near4 (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:15
S64	25	((initial adj2 (weight\$4 or coefficient)) with (training or preamble)) same (((updated or adapted or adjusted) near3 (weight or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:46
S65	21	((select\$4 or choos\$5) near2 (weight\$4 or coefficient)) with (training or preamble)) same (((updated or adapted or adjusted) near3 (weight or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:19
S66	51	((select\$4 or choos\$5) near2 (weight\$4 or coefficient)) with (training or preamble)) same (((select\$4 or choos\$4) near4 (weight or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:19
S67	68	((select\$4 or choos\$5) near2 (weight\$4 or coefficient)) with (training or preamble)) same (((select\$4 or choos\$4) near4 (weight\$4 or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:24

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S68	47	S67 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:20
S69	0	((weight\$4 or coefficients) adj3 "for" adj3 (training or preamble)) same ((weight\$4 or coefficients) adj3 "for" data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:26
S70	37	((weight\$4 or coefficients) adj3(training or preamble)) same ((weight\$4 or coefficients) adj3 data) same ((switch\$4 or chang\$4 or different) near4 (coefficients or weight\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:27
S71	37	((weight\$4 or coefficients) adj3 (training or preamble)) same ((weight\$4 or coefficients) adj3 data) same ((switch\$4 or chang\$4 or different) near4 (coefficients or weight\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:30
S72	17	S71 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:27
S73	206	((weight\$4 or coefficients) adj3 (training or preamble)) same ((weight\$4 or coefficients) adj3 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:30
S74	0	((predetermined or known or stored) adj1 (weight\$4 or coefficients)) adj3 (training or preamble)) same ((weight\$4 or coefficients) adj3 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:31
S75	4	((predetermined or known or stored) adj1 (weight\$4 or coefficients)) with (training or preamble)) same ((weight\$4 or coefficients) near5 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:32
S76	34	((predetermined or known or stored) adj1 (weight\$4 or coefficients)) with (training or preamble)) same ((weight\$4 or coefficients) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:32
S77	73	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with (training adj1 (signal or sequence or pattern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:43

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S78	53	S77 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:37
S79	20	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ("end" or "over") with (training adj1 (signal or sequence or pattern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:44
S80	20	((switch\$4 or chang\$4) near4 (weight\$4 or coefficient)) with ("end" or "over") with (training adj1 (signal or sequence or pattern or period))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:44
S81	31	((initial or predetermined or known or stored) adj2 (weight\$4 or coefficient)) with (training or preamble)) same (((updated or adapted or adjusted) near3 (weight or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:50
S82	41	((weight\$4 or coefficient) with (training or preamble)) same burst) and (((updated or adapted or adjusted) near3 (weight or coefficient)) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/19 13:51
S83	2	"20040106386".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/01 18:09
S84	1	"20040106386".pn. and computer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/01 18:09
S86	1549	S85 and (receiv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/01 18:22
S87	1385	((switch\$4 or choos\$4 or select\$4) with (coefficients or weights)) and (((gaps or error or difference) with (coefficients or weights)) same (correlat\$4)) and ((coefficients or weights) same (add\$4 or sum\$4 or synthesiz\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/02 12:57
S88	5756	((gaps or error or difference) with (coefficients or weights)) same correlat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/02 12:58



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S89	1970	S88 and ((updat\$4 or adjust\$4 or chang\$4 or adapt\$4) near3 (weights or coefficients))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/02 13:00
S90	947	S89 and ((switch\$4 or choos\$4 or select\$4) with (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/02 13:00
S91	359	S90 and (((multiply\$5 or multiplier or multiplied or multiplies) with (weight\$4 or coefficient)) same (add\$4 or sum\$4 or synthesiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/02 13:02